

PIO-HT Oil and Grease Tackifiers

PIO-HT Tackifiers are viscous liquids developed to provide adherence and stringiness in fluid lubricants and greases. These tackifiers are available as water clear to amber color at various viscosity levels. Chemically, **PIO-HT** Tackifiers are solutions of polymers in select oils.

Lubricating oils and greases that require adhesiveness can benefit with the addition of **PIO-HT**. Conditions where non-drip and non-splash characteristics are required, the addition of 0.5 - 2.0% of **PIO-HT** is usually adequate when formulating:

- Conveyor lubricants
- Open gear lubricants
- Way oils
- Chain oils
- Anti-mist
- Textile lubricants
- Coning operations

Properties	PIO-HT	PIO-HT82	PIO-HT1036	PIO-HT36	PIO-HT380
Active Polymer	Polyisobutylene	Polyisobutylene	Polyisobutylene	Polyisobutylene	Polyisobutylene
Diluent	Mineral Oil	Mineral Oil	Mineral Oil	Mineral Oil	Naphthenic oil Petroleum Naphtha
Flash Point TCC	204 ⁰ C/400 ⁰ F	204 ⁰ C/400 ⁰ F	204 ⁰ C/400 ⁰ F	204 ⁰ C/400 ⁰ F	< 150 ⁰ F
Viscosity @ 100⁰C	3000 cps.	5500 cps.	5750 cps	7750 cps	1500-2500 cps
Color	Water Clear	Water Clear	Water Clear	Water Clear	Amber

Treatment Levels*

Chain Oils	0.25 - 1.5%
Way Oils	0.5 - 1.0%
Greases	0.5 - 1.5%
Aerosol Resistance	0.5 - 2.0%

*Treatment levels are typical ranges for each applications.



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